

**DECLARATION FOR PATENT APPLICATION**

Docket No. ENZ-52

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name.

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

**NOVEL PROCESS, CONSTRUCT AND CONJUGATE  
FOR PRODUCING MULTIPLE NUCLEIC ACID COPIES**

the specification of which

(check one)  is attached hereto.

was filed on January 13, 1994, as Application Serial No. 08/182,621  
and was amended on \_\_\_\_\_, 1994 (if applicable).

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to the examination of this application in accordance with Title 37, Code of Federal Regulations, §1.56(a).

I hereby claim foreign priority benefits under Title 35, United States Code, §119 of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed:

Prior Foreign Application(s)	Priority Claimed			
(Number)	(Country)	(Day/Month/Year Filed)	Yes	No
(Number)	(Country)	(Day/Month/Year Filed)	Yes	No

I hereby claim the benefit under Title 35, United States Code, §120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, §112, I acknowledge the duty to disclose material information as defined in Title 37, Code of Federal Regulations, §156(a) which occurred between the filing date of the prior application and the national or PCT international filing date of the application:

(Application Serial No.)	(Filing Date)	(Status-patented, pending, abandoned)
(Application Serial No.)	(Filing Date)	(Status-patented, pending, abandoned)

I hereby appoint the following attorney(s) and/or agent(s) to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith:

Ronald C. Fedus, Esq., Reg. No. 32,567.

Address all telephone calls to: Ronald C. Fedus, Esq., at telephone no. (212)-856-0876  
Address all correspondence to: Ronald C. Fedus, Esq., Corporation & Patent Counsel  
Enzo Biochem, Inc.  
575 Fifth Avenue - 18th Floor  
New York, NY 10017

*Dean L Engelhardt*  
Jannis G. Stavrianopoulos et al.  
Serial No. 08/182,621  
Filed: January 13, 1994  
Page 2 (Declaration For Patent Application)

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true, and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

*Second joint*  
Full name of ~~one~~ first inventor Jannis G. Stavrianopoulos  
First Inventor's signature \_\_\_\_\_ Date \_\_\_\_\_  
Residence 99 South Clinton Avenue (No. 11D), Bay Shore, New York 11706 Citizenship United States  
Post Office Address (Same as above)

*first*  
Full name of second joint inventor, if any Dean L. Engelhardt  
Second Inventor's signature Dean Engelhardt Date \_\_\_\_\_  
Residence 173 Riverside Drive (No. 6D) New York, New York 10025 Citizenship United States  
Post Office Address (Same as above)

Full name of third joint inventor, if any Elazar Rabbani  
Third Inventor's signature \_\_\_\_\_ Date \_\_\_\_\_  
Residence 69 Fifth Avenue (No. 19A) New York, New York 10003 Citizenship United States  
Post Office Address (Same as above)

Full name of fourth joint inventor, if any James J. Donegan  
Fourth Inventor's signature \_\_\_\_\_ Date \_\_\_\_\_  
Residence 210 East Broadway (No. 3G) Long Beach, New York 11561 Citizenship United States  
Post Office Address (Same as above)

\* \* \* \* \*

*Dean L. Engelhardt*  
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Serial No. 08/182,621  
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*second joint*  
Full name of ~~sole~~ first inventor Jannis G. Stavrianopoulos Date 6/13/94  
First Inventor's signature Jannis G. Stavrianopoulos Residence 99 South Clinton Avenue (No. 11D), Bay Shore, New York 11706 Citizenship United States  
Post Office Address (Same as above)

*first*  
Full name of second joint inventor, if any Dean L. Engelhardt  
Second Inventor's signature \_\_\_\_\_ Date \_\_\_\_\_  
Residence 173 Riverside Drive (No. 6D) New York, New York 10025 Citizenship United States  
Post Office Address (Same as above)

Full name of third joint inventor, if any Elazar Rabbani  
Third Inventor's signature \_\_\_\_\_ Date \_\_\_\_\_  
Residence 69 Fifth Avenue (No. 19A) New York, New York 10003 Citizenship United States  
Post Office Address (Same as above)

Full name of fourth joint inventor, if any James J. Donegan  
Fourth Inventor's signature James J. Donegan Date 6/13/94  
Residence 210 East Broadway (No. 3G) Long Beach, New York 11561 Citizenship United States  
Post Office Address (Same as above)

\* \* \* \* \*

*Dean L. Engelhardt*  
Jannis G. Stavrianopoulos et al.  
Serial No. 08/182,621  
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*Second joint inventor*  
Full name of sole or first inventor Jannis G. Stavrianopoulos \_\_\_\_\_  
First Inventor's signature \_\_\_\_\_ Date \_\_\_\_\_  
Residence 99 South Clinton Avenue (No. 11D), Bay Shore, New York 11706 Citizenship United States  
Post Office Address (Same as above)

*first*  
Full name of second joint inventor, if any Dean L. Engelhardt \_\_\_\_\_  
Second Inventor's signature \_\_\_\_\_ Date \_\_\_\_\_  
Residence 173 Riverside Drive (No. 6D) New York, New York 10025 Citizenship United States  
Post Office Address (Same as above)

Full name of third joint inventor, if any Elazar Rabbani \_\_\_\_\_  
Third Inventor's signature *[Signature]* Date 1/13/94  
Residence 69 Fifth Avenue (No. 19A) New York, New York 10003 Citizenship United States  
Post Office Address (Same as above)

Full name of fourth joint inventor, if any James J. Donegan \_\_\_\_\_  
Fourth Inventor's signature \_\_\_\_\_ Date \_\_\_\_\_  
Residence 210 East Broadway (No. 3G) Long Beach, New York 11561 Citizenship United States  
Post Office Address (Same as above)

\* \* \* \* \*

Docket No.: ENZ-52

## ASSIGNMENT

In consideration of One Dollar (\$1.00), and other good and valuable consideration, the receipt of which is hereby acknowledged, I, the undersigned,

Dean L. Engelhardt,  
Jannis G. Stavrianopoulos,  
Elazar Rabbani, and  
James J. Donegan,

### RESIDING AT:

173 Riverside Drive (No. 6D), New York, New York 10025;  
99 South Clinton Avenue (No. 11D), Bay Shore, New York 11706;  
69 Fifth Avenue (No. 19A), New York, New York 10003; and  
210 East Broadway (No. 3G), Long Beach, New York 11561; respectively

Hereby sell, assign and transfer to: Enzo Diagnostics, Inc., a corporation of the State of New York, having a principal place of business at: 60 Executive Boulevard, Farmingdale, New York 11735-4716, its successors, assigns and legal representatives, the entire right, title and interest for the United States and all foreign countries, in and to any and all improvements which are disclosed in the application for United States Letters Patent, which has been executed by the undersigned concurrently herewith, and is entitled:

### NOVEL PROCESS, CONSTRUCT AND CONJUGATE FOR PRODUCING MULTIPLE NUCLEIC ACID COPIES

(said application having been filed on January 13, 1994 and accorded U.S. Patent Application Serial No. 08/182,621)

and in and to said application and all divisional, continuing, substitute, renewal, reissue, and all other applications for Letters Patent which have been or shall be filed in the United States and all foreign countries on any of said improvements; and in and to all original and reissued patents which have been or shall be issued in the United States and all foreign countries on said improvements:

Agree that said Assignee may apply for and receive Letters Patent for said improvements in its own name, and that, when requested, without charge to but at the expense of said Assignee, its successors, assigns and legal representatives, to carry out in good faith the intent and purpose of this assignment, the undersigned will execute all divisional, continuing, substitute, renewal, reissue, and all other patent applications on any and all said improvements; execute all rightful oaths, assignments powers of attorney and other papers, communicate to said Assignee, its successors, assigns, and representatives, all facts known to the undersigned relating to said improvements and the history thereof; and generally do everything possible which said Assignee, its successors, assigns or representatives shall consider desirable for aiding in securing and maintaining proper patent protection for said improvements and for vesting title to said improvements and all applications for patents and all patents on said improvements, in said Assignee, its successors, assigns and legal representatives; and

*Dean L. Engelhardt*  
Jannis G. Stavrianopoulos et al.  
Serial No. 08/182,621  
Filed: January 13, 1994  
Page 2 (Assignment)

Covenant with said Assignee, its successors, assigns and legal representatives that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been made to others by the undersigned, and that full right to convey the same as herein expressed is possessed by the undersigned.

Jannis G. Stavrianopoulos

(date)

*Dean L. Engelhardt*

01/14/94

(date)

Elazar Rabbani

(date)

James J. Donegan

(date)

\* \* \* \* \*

*Dean L. Engelhardt*  
Jannis G. Stavrianopoulos et. al.  
Serial No. 08/182,621  
Filed: January 13, 1994  
Page 2 (Assignment)

Covenant with said Assignee, its successors, assigns and legal representatives that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been made to others by the undersigned, and that full right to convey the same as herein expressed is possessed by the undersigned.

*Jannis G. Stavrianopoulos*  
\_\_\_\_\_  
Jannis G. Stavrianopoulos

6/15/94  
(date)

\_\_\_\_\_  
Dean L. Engelhardt

\_\_\_\_\_  
(date)

\_\_\_\_\_  
Elazar Rabbani  
*James J. Donegan*  
\_\_\_\_\_  
James J. Donegan

\_\_\_\_\_  
(date)  
6/13/94  
(date)

\* \* \* \* \*

*Dean L. Engelhardt*  
~~Jannis G. Stavrianopoulos et al.~~  
Serial No. 08/182,621  
Filed: January 13, 1994  
Page 2 (Assignment)

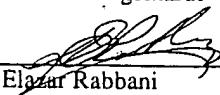
Covenant with said Assignee, its successors, assigns and legal representatives that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been made to others by the undersigned, and that full right to convey the same as herein expressed is possessed by the undersigned.

\_\_\_\_\_  
Jannis G. Stavrianopoulos

\_\_\_\_\_  
(date)

\_\_\_\_\_  
Dean L. Engelhardt

\_\_\_\_\_  
(date)

\_\_\_\_\_  
  
Elazar Rabbani

\_\_\_\_\_  
6/13/1994  
(date)

\_\_\_\_\_  
James J. Donegan

\_\_\_\_\_  
(date)

\* \* \* \* \*

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Applicant(s): Dean L. Engelhardt et al.

Serial No.: 08/182,621

Group Art Unit: Not Yet Known

Filed: January 13, 1994

Examiner: Not Yet Known

For: NOVEL PROCESS, CONSTRUCT AND CONJUGATE  
FOR PRODUCING MULTIPLE NUCLEIC ACID COPIES

**VERIFIED STATEMENT (DECLARATION) CLAIMING SMALL ENTITY  
STATUS (37 CFR 1.9 (f) and 1.27 (c) ) - SMALL BUSINESS CONCERN**

I hereby declare that I am

- the owner of the small business concern identified below;
- an official of the small business concern empowered to act on behalf of the concern identified below:

NAME OF CONCERN ENZO DIAGNOSTICS, INC.

ADDRESS OF CONCERN c/o ENZO BIOCHEM, INC.  
575 FIFTH AVENUE (18TH FLOOR)  
NEW YORK, NEW YORK 10017

I hereby declare that the above identified small business concern qualifies as a small business concern as defined in 13 CFR 121.3-18, and reproduced in 37 CFR 1.9(d), for purposes of paying reduced fees under section 41(a) and (b) of Rule 35, United States Code, in that the number of employees of the concern, including those of its affiliates does not exceed 500 persons. For purposes of this statement, (1) the number of employees of the business concern is the average over the previous fiscal year of the concern of the persons employed on a full-time, part-time or temporary basis during each of the pay periods of the fiscal year, and (2) concerns are affiliates of each other when either, directly or indirectly, one concern controls or has power to control the other, or a third party or parties controls or has the power to control both.

I hereby declare that rights under contract or law have been conveyed to and remain with the small business concern identified above with regard to the invention entitled:

NOVEL PROCESS, CONSTRUCT AND CONJUGATE  
FOR PRODUCING MULTIPLE NUCLEIC ACID COPIES

by inventor(s)

Dean L. Engelhardt et al.

described in

- the specification filed herewith
- Application Serial No. 08/182,621, filed January 13, 1994

Patent No. \_\_\_\_\_, issued \_\_\_\_\_

If the rights held by the above identified small business concern are not exclusive, each individual, concern or organization having rights to the invention is listed below\* and no rights to the invention are held by any person other than the inventor, who could not qualify as a small business concern under 37 CFR 1.9(d) or by any concern which would not qualify as a small business concern under 37 CFR 1.9(d) or a nonprofit organization under 37 CFR 1.9(e).

\*NOTE: Separate verified statements are required from each named person, concern or organization having rights to the invention averring to their status as small entities. (37 CFR 1.27).

NAME \_\_\_\_\_

ADDRESS \_\_\_\_\_

Individual       Small Business Concern       Nonprofit

I acknowledge the duty to file, in this application or patent, notification of any change in status resulting in loss of entitlement to small entity status prior to paying, or at the time of paying, the earliest of the issue fee or any maintenance fee due after the date on which status as a small business entity is no longer appropriate. (37 CFR 1.28(b)).

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under section 1001 of Title 18 of the United States Code, and that such willful false statement may jeopardize the validity of the application, any patent issuing thereon, or any patent to which this verified statement is directed.

NAME OF PERSON SIGNING

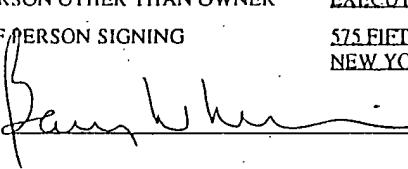
BARRY W. WEINER

TITLE OF PERSON OTHER THAN OWNER

EXECUTIVE VICE PRESIDENT

ADDRESS OF PERSON SIGNING

575 FIFTH AVENUE (18TH FLOOR)  
NEW YORK, NEW YORK 10017

SIGNATURE 

DATE JUNE 14, 1994